IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3.	Ш	specified Action un	in paragraph 2 above but before the mailing date of any of a Final Office of Secution in the application, AND (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
		3a. 🗌 3b. 🗍	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.
			to be charged to Deposit Account No. 19-3935.
4.			rmation Disclosure Statement is filed under 37 CFR §1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND
			The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: ————————————————————————————————————
			to be charged to Deposit Account No. 19-3935.
5.		Statemer	nt under § 1.97(e) (applicable if Item 3a or Item 4a is checked) (Check either Item 5a or 5b)
		5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
		5b.	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.	\boxtimes	This is a 1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §
			(Check appropriate Items 6a and/or 6b)
		6a. 🛚	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. 09/100,320 filed on June 19, 1998 and application Serial No. 09/360,520 filed on July 23, 1999, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).
		6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.

7.			continuation/divisional application under 37 CFR § 1.53(d) or a Request for ed Examination under 37 CFR 1.114.
			(Check either Item 7a or 7b)
		7a. 7b.	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.
8.		This is a	Supplemental Information Disclosure Statement.
			(Check either Item 8a or 8b)
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on .
		8b. 🗌	This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR § 1.97 and 1.98, mailed
9.			nce with 37 CFR § 1.98, a concise explanation of what is presently d to be the relevance of each non-English language publication is: (Check appropriate Items 9a, 9b, 9c and/or 9d)
		9a. 🗌	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.)
		9b 9c	set forth in the application. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
		9d. 🗌	enclosed as Attachment 1(e), hereto.
10.	be th	e, materia an searc	ion is made that the information cited in this Statement is, or is considered to all to patentability nor a representation that a search has been made (other report(s) from a counterpart foreign application or a PCT International port if submitted berewith) 37 CFR 88 1.97(g) and (h)

The Commissioner is authorized to credit any overpayment or charge any additional fee 11. required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

Gene M. Garner II Registration No. 34,172

Sheet 1 of 2 APPLICATION NO. Div. of 09/360,520

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

1734.1001CIPD FIRST NAMED INVENTOR

ATTORNEY DOCKET NO.

Sumitake KOBAYASHI et al.

FILING DATE

GROUP ART UNIT

November 25, 2003

U.S. PATENT DOCUMENTS

			U.S. FAILIN	DOCOMENTS			
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	22.40	SUB- CLASS	FILING DATE
INTIAL		NO.	DATE	. NAME	CLASS	<u> </u>	DAIL
	AA	6,353,482	03/2002	ABE et al.			
	AB	6,330,070	12/2001	TOYODA et al.			
	AC	6,130,757	10/2000	YOSHIDA et al.			:
	AD	6,069,707	05/2000	PEKELMAN			
	AE	6,031,975	02/2000	IIJIMA			,
	AF	5,995,240	11/1999	SATO			
	AG	5,933,584	08/1999	MANIWA			7 220 y 10 4 4
	AH	5,627,658	05/1997	CONNORS et al.			.,

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	
Al	05-328098	12/10/93	JAPAN			Abst.	.:
 AJ	DE 29 06 073	08/30/79	GERMANY				XX
AK	GB 2015304 A	09/05/89	UK				
AL							

TRANSLATION OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) YES NO AM

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1734.1001CIPD

APPLICATION NO: Div. of 09/360,520

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR Sumitake KOBAYASHI et al.

FILING DATE November 26, 2003 GROUP ART UNIT.
To be Assigned:

U.S. PATENT DOCUMENTS

*EXAMINER		DOCUMENT	5.75		0	SUB-	FILING
INITIAL		NO.	DATE	NAME	CLASS	CLASS	DATE
	ВА	5,987,225	11/1999	OKANO			
	ВВ	5,978,522	11/1999	ISHII et al.			" .
	ВС	5,982,994	11/1999	MORI et al.			
	BD	5,859,711	01/1999	BARRY et al.			
	BE	5,669,040	09/1997	HISATAKE			:.
	BF	5,483,589	01/1996	ISHIDA et al.			4-
	BG	5,408,618	04/1995	AHO et al.			••;;

FOREIGN PATENT DOCUMENTS

TORLIGHTATENT DOCUMENTS									
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS YES	LATION [©] NO	
	вн								
	ВІ								
	BJ								
	вк								
	BL								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

ВМ	
BN	· wages
во	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES

	/ \ <u>- 1/101</u> (0)
ATTORNEY DOCKET NO.	APPLICATION NO.
1734.1001CIPD	Div. of
	09/360,520
FIRST NAMED INVENTOR	
Sumitake KOBAYASHI et	al.
FILING DATE	GROUP ART UNIT
November 25, 2003	2622

UK Patent Application No. GB 2015304 A corresponds to DE-OS 29 06 073 (disclosed in Form PTO 1449 as Reference - AJ)

LIST OF COPENDING APPLICATIONS

ATTACHMENT 1(f)

ATTORNEY DOCKET NO.

1734.1001CIPD

Div. of
09/360,520

FIRST NAMED INVENTOR

Sumitake KOBAYASHI et al.
FILING DATE
November 25, 2003

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

				The factor of the second of th	······································
EXAMINER					
INITIAL	l	U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
	1	09/360,520	July 23, 1999	Sumitake Kobayashi et al.	FUJITSU LIMITED
	2				
	3				
	4				
	5				
	6				
	7				
	8			•	

EXAMINER	DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

ATTACHMENT 1(g)

LIST	OF	ADDITIONAL	SUBMITTED				
DOCUMENTS							

ATTORNEY DOCKET NO.	APPLICATION NO.				
1734.1001CIPD	Div. of 09/360,520				
FIRST NAMED INVENTOR					
Sumitake KOBAYASHI et al.					
FILING DATE	GROUP ART UNIT				
November 25, 2003					

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of any identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

O.O. I ALEITI DO COMENTO								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	AA	6,434,343	08/13/02	Sumitake KOBAYASHI et al.			06/19/98	
	AB							

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
AC							6-tone
AD							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AE English Translation of Office Action mailed by German Patent Office September 25, 2003.

TRANSLATION YES NO

EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.